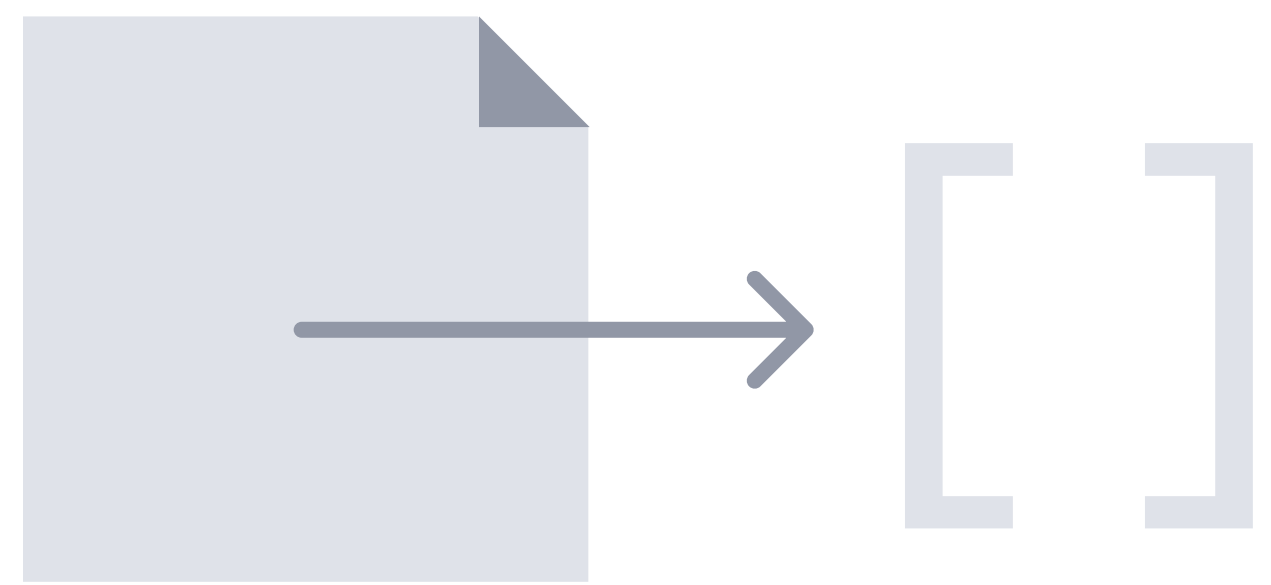
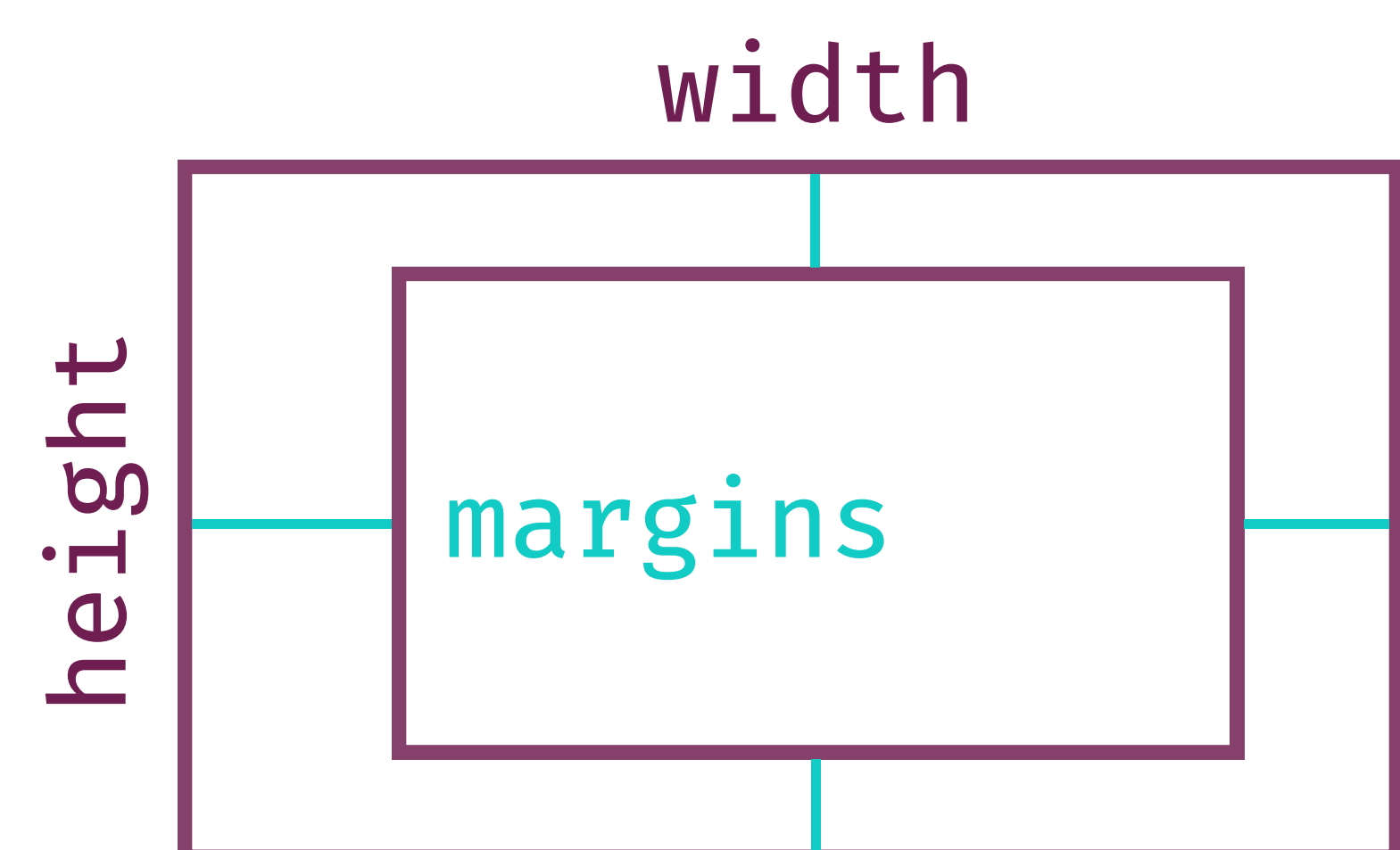


# Chart drawing checklist



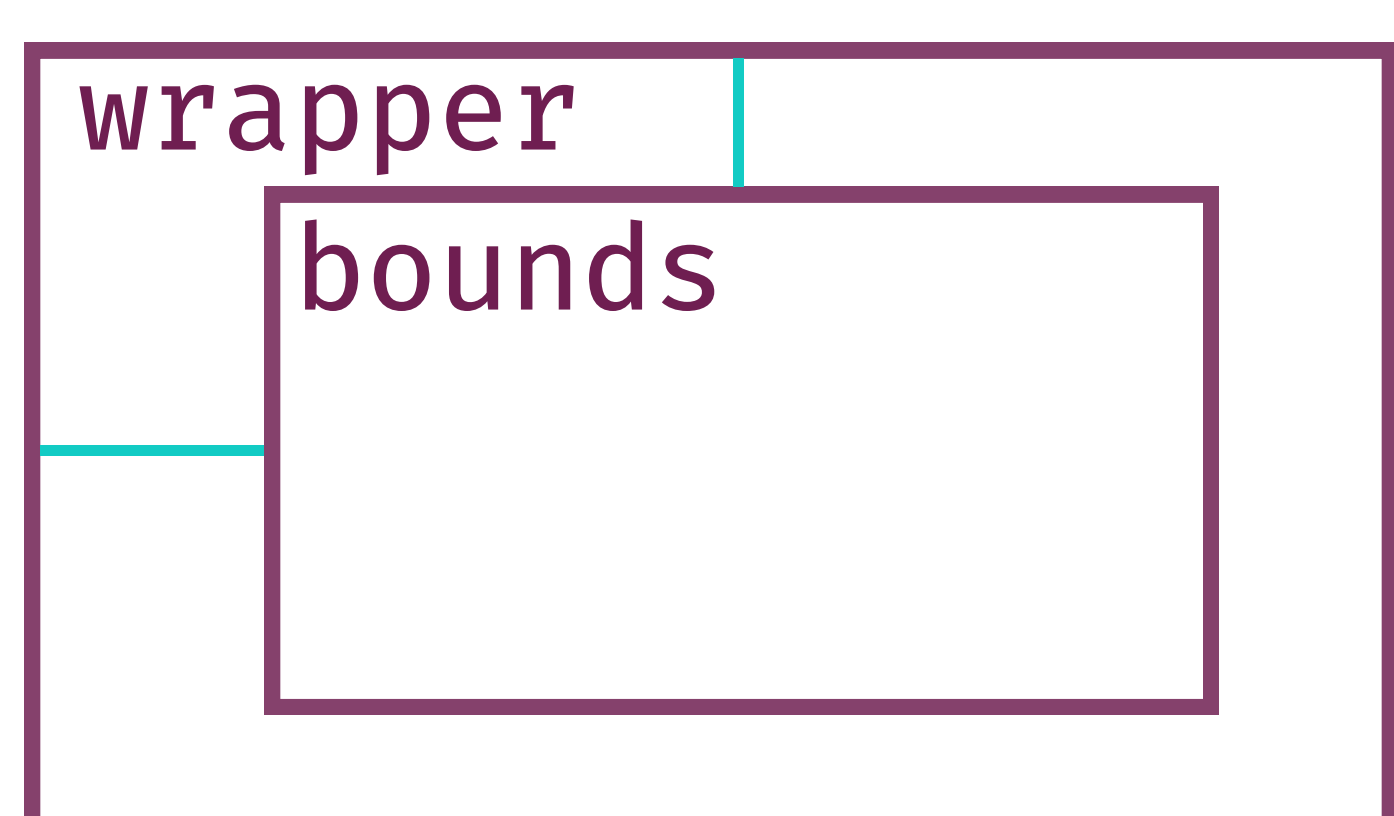
## ☐ **Access data**

Look at the data structure and declare how to access the values we'll need



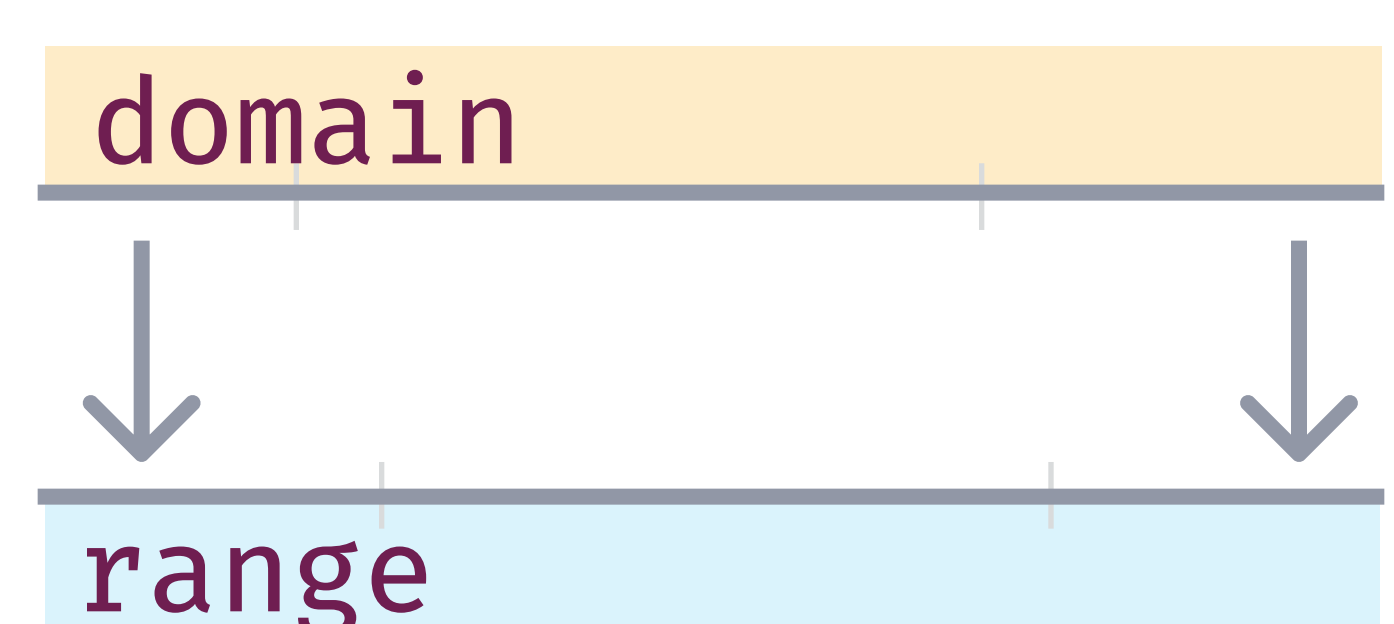
## ☐ **Create chart dimensions**

Declare the physical (i.e. pixels) chart parameters



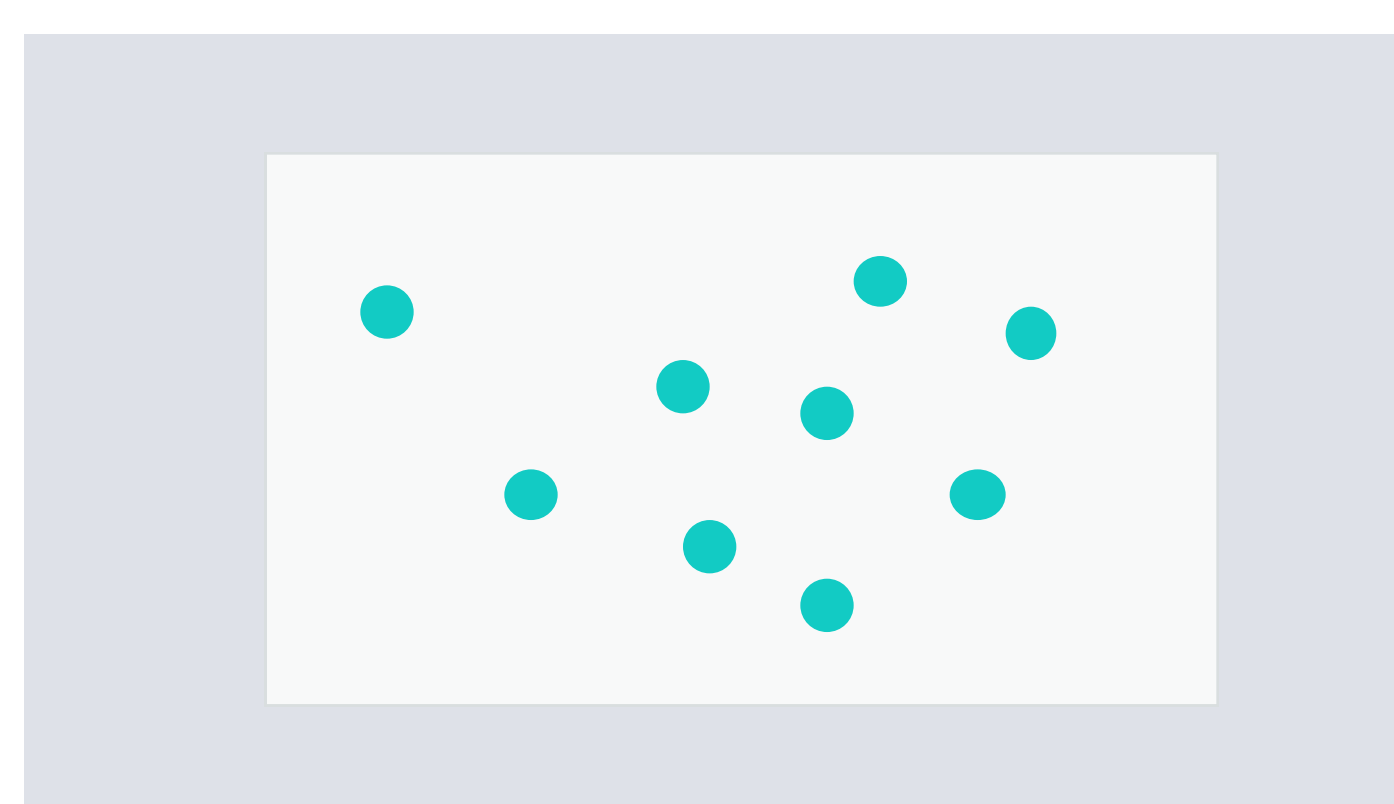
## ☐ **Draw canvas**

Render the **wrapper** and **bounds** element



## ☐ **Create scales**

Create scales for every data-to-physical attribute in our chart



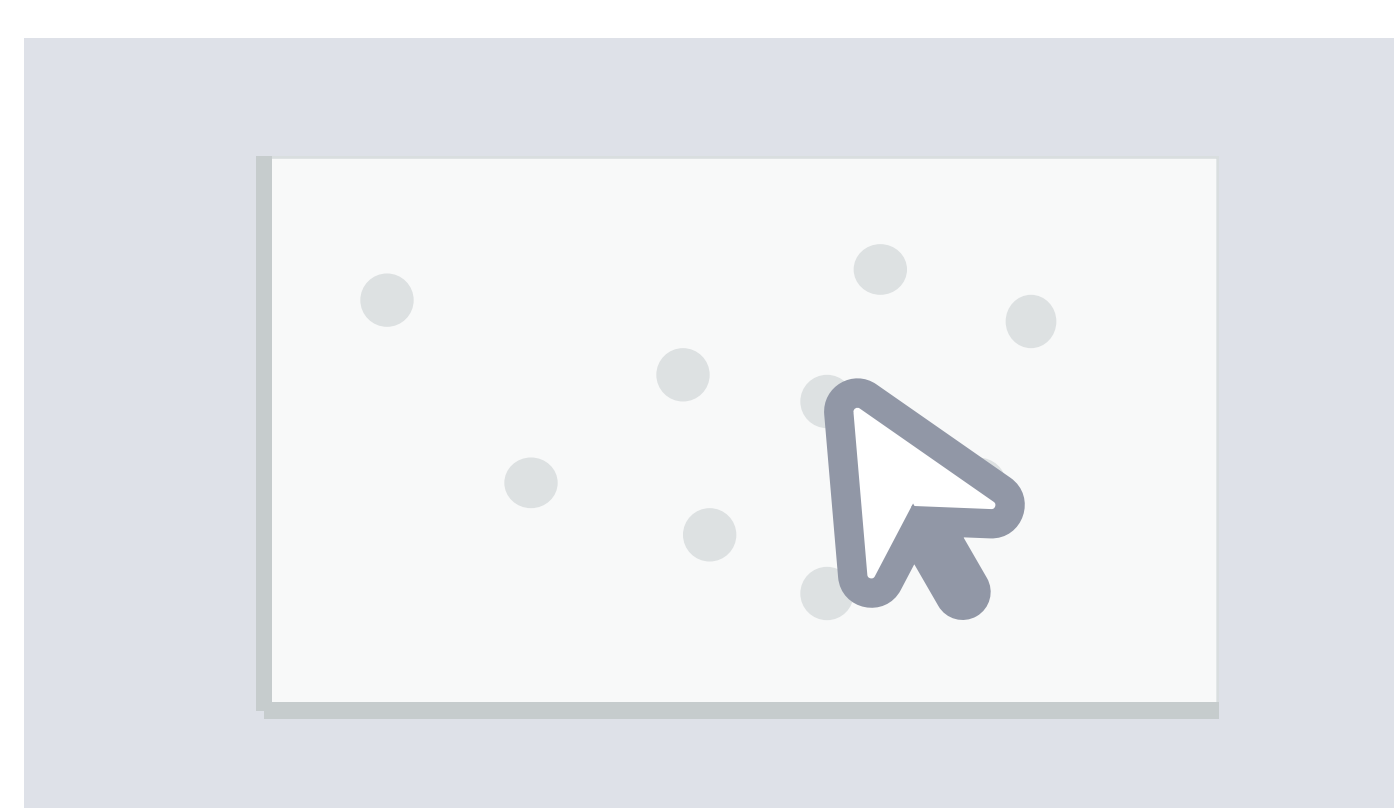
## ☐ **Draw data**

Render your data elements



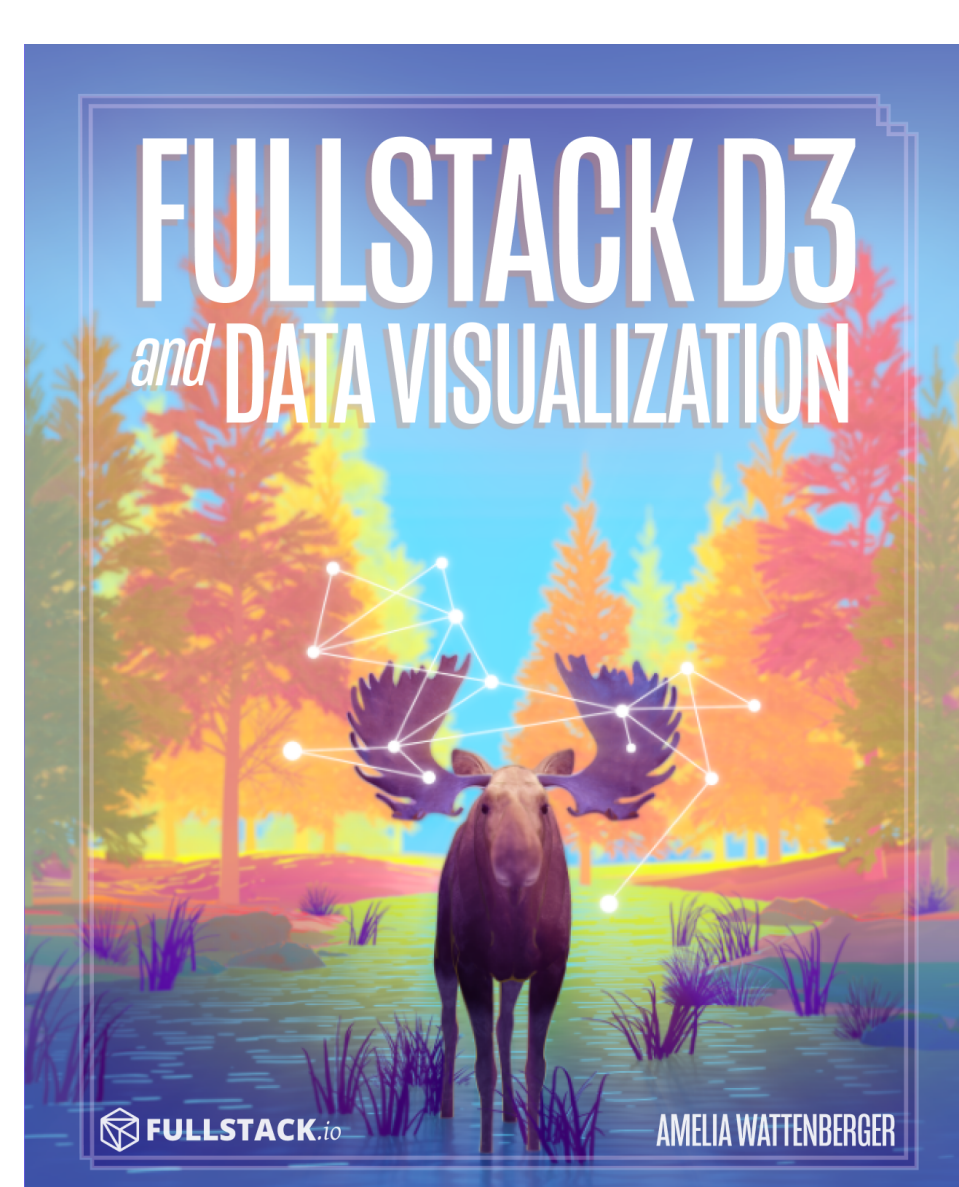
## ☐ **Draw peripherals**

Render your axes, labels, legends, annotations, etc



## ☐ **Set up interactions**

Initialize event listeners and create interaction behavior



**FULLSTACK D3**  
*and* DATA VISUALIZATION  
AMELIA WATTENBERGER